



FOREST PEST MANAGEMENT

Report No. 82-3-39

Issued: 8-27-82

AERIAL DETECTION SURVEY OF FOREST INSECT AND DISEASE ACTIVITY, SUMTER NATIONAL FOREST, SOUTH CAROLINA

LAND OWNERSHIP OR SURVEY AREA: Sumter National Forest, Enoree Ranger District

STATE: South Carolina

AREA WITHIN SURVEY BOUNDARY: 194,237 acres

DATE: August 16, 1982

PERCENT COVERAGE: 100%

AIRCRAFT: Cessna 172RG

CREW: R.F. Bassett & E.T. Wilson

SURVEY OBJECTIVES

The objective of the aerial survey was to detect and locate southern pine beetle activity on the Enoree Ranger District of the Sumter National Forest.

SURVEY RESULTS

A total of 49 spots with red and fading pines were observed and mapped within the Enoree District (Table I). A composite map locating southern pine beetle infestation was sent to the Enoree District office for their attention.

CONCLUSION

Southern pine beetle activity is increasing on the Enoree District, particularly on the northern end where more fading trees were observed.

The Asheville Forest Pest Management office has been notified of the increased southern pine beetle activity and a biological evaluation is in progress.

For additional information, contact:

USDA Forest Service FPM
3620 Interstate 85, N.E.
Northgate Office Park, Room 2103
Doraville, GA 30340
Telephone: 404/221-4796

or

USDA Forest Service FPM
P.O. Box 5895
Asheville, NC 28803
Telephone: 704/258-2850

Table I: Summary of Aerial Survey Data, Enoree District, Sumter National Forest, August 16, 1982

Ownership:	Number of Red & Fading Trees by Spot Size				
	-SPOT SIZE-				
	3 - 5 Trees	6 - 10 Trees	11 - 25 Trees	26 - 50 Trees	51+ Trees
	Spots	Spots	Spots	Spots	Spots
Private	11	3	3	1	0
Federal	21	5	3	2	0
TOTAL	32	8	6	3	0

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
JOHN R. MCGEE, CHIEF

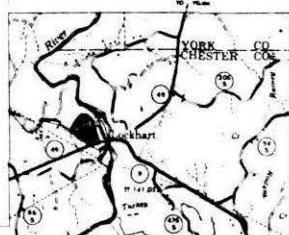
SUMTER NATIONAL FOREST
(ENOEE DIVISION)
SOUTH CAROLINA

1986

Scale: 1:250,000

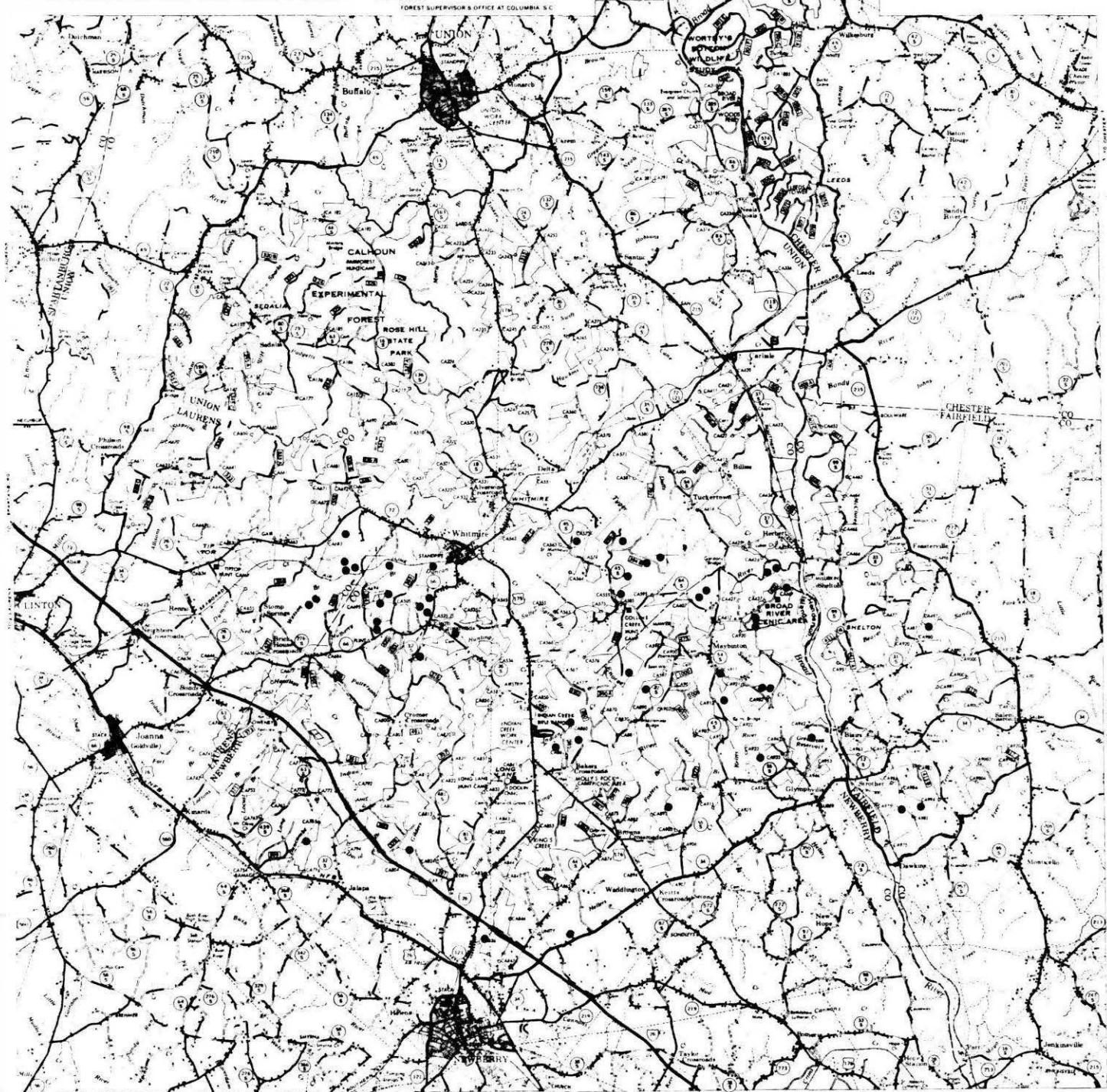
1 Kilometer
1/2 Mile

LEGEND	
National Forest Boundary	Church
Paved Road - Primary	School
All Weather or Paved Secondary Road	House, Cabin or Other Building
Dirt Road	Mine, Quarry or Gravel Pit
Primitive Road	Cemetery
Trail	(A) Interstate Highway
Railroad	(B) U.S. Highway
Power Transmission Line	(C) State Highway
Horizontal Control Station	(D) State Highway Secondary
Permanent Lookout Station	(E) Forest Route
Horizontal Control Station and Lookout Station	District Ranger Station
National Forest Land	Forest Service Station
Class A Corner	Recreation Site



KEY MAP

• Location of red and fading pine.



Location of red and fading pine from aerial survey of the Enoree Ranger District,
Sumter National Forest, August 1982.

MAP CLASS: 1
1 and 2 miles. Prepared by Office of Aerial Survey
U.S. Forest Service from Aerial Maps converted
by Photogrammetric Methods. Contains no USGS Survey
Data. U.S. Army and Forest Service Survey
Data in Progress Office 1982.

North American Datum
Polyconic Projection 1927